



NC STATE UNIVERSITY

Wolf Works

Volume I, Issue I

June 2013

Spotlight: James B. Hunt Jr. Library

NC STATE HUB ADVISORY COMMITTEE MEMBERS

Kevin MacNaughton, PE
North Carolina State University
-Associate Vice Chancellor
Facilities Division

Michael Harwood, AIA
North Carolina State University
-Associate Vice Chancellor
Centennial Campus Development

Andy Snead, PE
North Carolina State University
-Director

Design & Construction Services

Cameron Smith, PE, LEED AP
North Carolina State University
-Director

Capital Project Management

Lisa Johnson, RA
North Carolina State University
-Director
Office of the University Architect

Marvin Williams
North Carolina State University
-Capital Projects Program Manager-
Bruce Knight

Kristen Hess, AIA, LEED AP
-HH Architecture

Bob Robinson
-Raleigh Business & Technology Ctr.

Patrice Gilmore
Lend Lease Co.

Willie Russell
H.J. Russell Construction Co.

NCSU HUB Web Page:
<http://ncsu.edu/facilities/hubl>



JAMES B. HUNT Jr. Library

Size: Approximately 220,000 sf

Cost: \$120 Million

This magnificent structure houses a BookBot retrieval system holding approximately 2,000,000 books, a super computer powers large scale interactive multi touch video displays for video game developers, Laser cutters and 3D printers. Interior space is open and includes innovative and creative open study spaces as well private study areas. The building features include a rain garden roof system that collects rain water runoff, rooftop solar panels that power the hot water system and solar fins sized to keep out heat and let in natural light. In addition the air conditioning system uses chilled water instead of air to keep the temperature comfortable.

The library also houses the Kenan Institute for Engineering and Science and the Institute for Emerging Issues (IEI). Kenan Institute for Engineering and Science funds groups and individuals that want to use these fields to improve the economy and public welfare. Institute for Emerging Issues (IEI) founded by Governor James B. Hunt Jr. works with communities across North Carolina to devise solutions to the State's most pressing challenges in health care, the economy, the environment and education.



Talley Student Center Project Rodgers Russell DayeCo Construction Team

Talley Student Center: Construction will total 299,000 square feet including 149,000 square feet of addition and 150,000 square feet of renovation, along with a comprehensive utility relocation. The four-story, multi-purpose building houses gallery, theater and studio space; a ballroom for lectures, meetings, and training; multiple food service areas; the Wolves' Den; a bookstore; and offices.

Minority Participation

Current Construction Contract: \$92,908,011; Minority Participation Total: \$31,469,331; Participation Percentage: 34%.

NC State University Mentor/Protégé Program

Talley Student Center is under construction by a joint venture of Rodgers Builders, Inc. and H.J. Russell & Company. Rodgers and Russell are participants as mentors in the NC State University Mentor/Protégé Program, with protégé firm DayeCo Construction. This is the second North Carolina project constructed by the three firms as mentor/protégé; the first was the Chidley North Residence Hall at North Carolina Central University.

The firms created a Partnering Development Plan, with the mission to grow the capabilities of the protégé firm and its employees through training and leadership opportunities throughout the project. The goal is that the protégé firm's staff will return to their firm with broader skill and knowledge to implement on future projects.

Tasha Barnett of DayeCo is currently working with the joint venture team on Virtual Construction, assisting with BIM coordination for Phase I of the project, including Area 4B coordination with duct, mechanical, waste and vent piping. Tasha says of the bi-weekly BIM coordination meetings, "The coordination meetings are a necessity. It allows us to bridge the gap of communication between the design team, trade contractors and construction management team, eliminating any issues that would have otherwise gone unnoticed."



In addition to DayeCo, minority firm Woodline Solutions is working with Rodgers and Russell on the Talley project. Woodline employee Aisha Lawal is also participating in the program. Both Tasha and Aisha have been involved in preparing and reviewing submittals and RFIs. Tasha and Aisha submit reports on their lessons learned each month, and lead quarterly jobsite tours with NC State, Rodgers and Russell staff.

RODGERS | RUSSELL | DAYECO

Far left: Tasha Barnett of DayeCo reviews a coordination issue in a meeting with the project architects, subcontractors and the Rodgers Russell DayeCo project team.

Center photo, left: Aisha Lawal of Woodline Solutions reviews construction progress with another member of the construction management team.

North Carolina State University
www.ncsu.edu/facilities/advertisements/
The University of North Carolina System
www.northcarolina.edu/info/vendors/opportunities.htm



**NCSU Capital
Project Management**

Marvin L. Williams
Capital Project Program Manager
Capital Project Management
Campus Box 7520/Administrative
Services III
2701 Sullivan Drive, Suite 331
Raleigh, NC 27695-7520

Phone: 919-513-0223

Fax: 919-515-4253

E-mail

Marvin_Williams@ncsu.edu

If you are interested in strengthening your business, listed below is information about companies interested in helping minority, women and small businesses to grow their business.

Self-Help

301 West Main Street
Durham, NC 27701
(919) 956-4400
www.self-help.org

Raleigh Business & Technology Center

900 South Wilmington Street
Raleigh, NC 27601
(919) 836-8618
www.raleighbtc.com/

**The North Carolina Institute of
Minority Economic Development**

114 W. Parrish St.
Durham, NC 27701
(919) 956-8889
www.ncimed.com

United Minority Contractors of NC

5 West Hargett Street, Suite 309
Raleigh, NC 27601
(919) 834-1211
www.umcnc.org

Hispanic Contractors Association of the Carolinas

226 Westinghouse Blvd.
Charlotte, NC 29708
(704) 583-4184
www.hcacarolinas.org

**NC Indian Economic Development
Initiative, Inc.**

5800 Farrington Place
Raleigh, NC 27609
(919) 232-9414
www.ncindian.com

**Office for Historically Underutilized Business-
es (HUB)**

116 West Jones Street
Raleigh, NC 27699-1336
(919) 807-2330
www.doa.nc.gov/hub